NL10MF
Standard Compressor
R134a
220-240V 50Hz & 208-230V 60Hz

General
Code number 105G6870
Approvals EN 60335-2-34, UL984/CSA 22.2
Compressors on pallet 80

Application
Application MBP
Frequency Hz 50 60
Evaporating temperature °C -20 to 15 -35 to 7.2
Voltage range V 187 - 254 198 - 254
Max. condensing temperature continuous (short) °C 60 (70) 60 (70)
Max. winding temperature continuous (short) °C 125 (135) 125 (135)

Cooling requirements
Frequency Hz 50 60
Application LBP MBP HBP LBP MBP HBP
32°C – F1 F1 F1 F1 –
38°C – F1 F1 F1 F1 –
43°C – F1 F1 F1 F1 –
Remarks on application: F2 for 230-240V 50Hz nominal below -12°C evaporating temperature
CSIR strongly recommended for 60Hz

Motor
Motor type RSIR/CSIR
LRA (rated after 4 sec. UL984), HST | LST A 16.1 13.1
Cut in Current, HST | LST A 16.1 17.1
Resistance, main | start winding (25°C) Ω 6.1 17.5

Design
Displacement cm³ 10.10
Oil quantity (type) cm³ 320 (polyolester)
Maximum refrigerant charge g 600
Free gas volume in compressor cm³ 2360
Weight without electrical equipment kg 10.5

Dimensions
Height A 203
B 197
B1 –
B2 –
Suction connector material | comment Cu-plated steel | Al caps
angle 8.2 | 90°
Process connector material | comment Cu-plated steel | Al caps
angle 6.2 | 90°
Discharge connector material | comment Cu-plated steel | Al caps
angle 6.2 | 0°
Oil cooler connector material | comment Cu-plated steel | Al caps
angle –
Connector tolerance I.D. mm ±0.09
Remarks: Vertically/straight bent connectors

Remarks: Vertically/straight bent connectors
Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed.

All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.